Arduino Mega PIR Alarm

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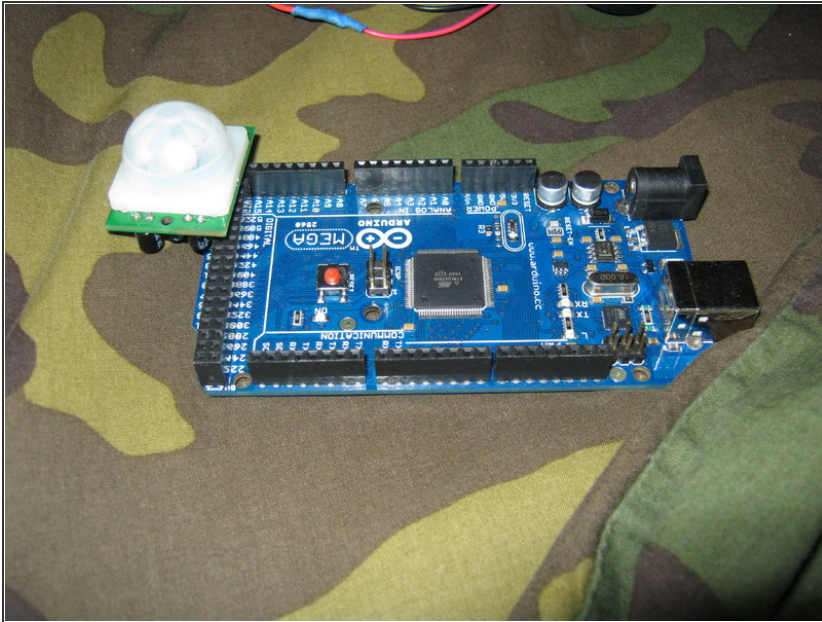

⚙ **PARTS:**

- [Arduino Mega (1)](#)
- [Parallax PIR sensor (1)](#)
- [8 Ohm mini speaker (1)](#)
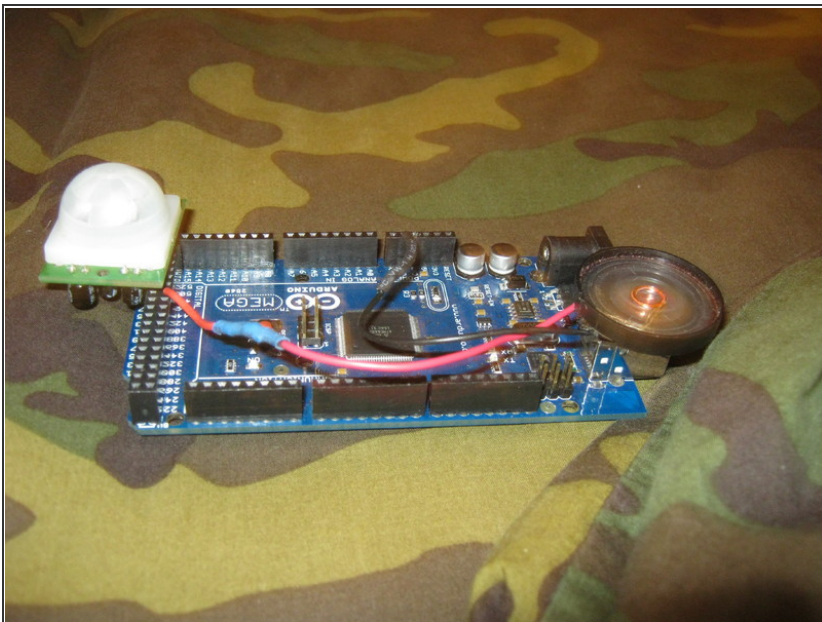

SUMMARY

Here's how to make a simple Arduino Mega PIR alarm.

Step 1 — Connect PIR sensor

- GND to ground, V+ to pin 53, OUT to pin 51.

Step 2 — Connect speaker

- Connect speaker to pin 41 and ground.

Step 3 — Upload code

```
int pirpin = 51;
int powerpin = 53;
int led = 13;
int count = 0;
int soundpin = 41;
void setup()
{
  pinMode(powerpin, OUTPUT);
  pinMode(led, OUTPUT);
  pinMode(pirpin, INPUT);
  pinMode(soundpin, OUTPUT);
  Serial.begin(9600);
  digitalWrite(powerpin, HIGH);

  delay(5000);
}
void loop()
{
  int readin ;
  readin = digitalRead(pirpin);

  if(readin == HIGH)
  {
  digitalWrite(led, HIGH);
  Serial.println("motion");
  tone(soundpin, 1700);
  delay(50);
  }
```

- Code at
  https://sites.google.com/site/projectsal...

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